

AMENDMENTS TO THE CLAIMS

1-22. (Canceled)

23. (Currently Amended) A record carrier comprising:

a storage unit;

a processor;

a requisition receiving unit operable to receive, from a terminal device having the record carrier attached thereto, a requisition for access to the storage unit;

an acquisition unit operable to acquire an access condition indicating whether or not the terminal device is authorized to access the storage unit;

a judging unit operable to judge, using the processor, whether or not the requisition satisfies the access condition;

a prevention unit operable to prevent the access of the terminal device to the storage unit when the judging unit judges that the requisition does not satisfy the access condition; and

~~The record carrier of Claim 1, further comprising:~~

a communication unit operable to communicate with an access condition management server connected via a network, wherein

the access condition management server manages, in one-to-one correspondence, (i) identification information pieces that respectively identify a plurality of record carriers including the record carrier, and (ii) a plurality of access conditions including the access condition,

the acquisition unit (i) transmits one of the identification information pieces that identifies the record carrier to the access condition management server via the communication unit, and (ii) acquires the access condition corresponding to the one of the identification

information pieces from the access condition management server via the communication unit,

the access condition includes an identifier list including one or more identifiers which respectively identify one or more devices authorized to access the storage unit,

the requisition includes a requiring device identifier for identifying the terminal device, and

the judging unit judges that, (i) when an identifier matching the requiring device identifier is included in the identifier list, the requisition satisfies the access condition, and (ii) when an identifier matching the requiring device identifier is not included in the identifier list, the requisition does not satisfy the access condition.

24. (Original) The record carrier of Claim 23,

wherein the acquisition unit acquires from the access condition management server via the communication unit, along with the access condition, signature data generated based on the access condition, and

the record carrier further comprising:

a tamper detection unit operable to examine the signature data using a verification key relevant to the access condition management server, and detect whether or not the access condition has been tampered; and

a prohibition unit operable to prohibit, when the tamper detection detects that the access condition has been tampered, the judging unit from judging.

25. (Cancelled)

26. (Withdrawn) The record carrier of Claim 24, wherein

the access condition includes an identifier list including one or more identifiers and one or more sets of number information which correspond one-to-one with the identifiers respectively, the one or more identifiers identifying one or more devices authorized to access the storage unit, each set of number information indicating a count of accesses available for the corresponding device to access the storage unit,

the requisition includes a requiring device identifier for identifying the terminal device, the judging unit includes:

a holding unit operable to hold a count of accesses indicating how many times the terminal device has accessed the storage unit;

a 1st judging subunit operable to judge whether or not an identifier matching the requiring device identifier is included in the identifier list; and

a 2nd judging subunit operable to judge, when the 1st judging subunit judges that the matching identifier is included, whether or not a count indicated by a set of number information corresponding to the matching identifier is larger than the count of accesses held by the holding unit, and

the judging unit judges that, (i) when either one of a judgment result by the 1st judging subunit and a judgment result by the 2nd judging subunit is negative, the requisition does not satisfy the access condition, and (ii) when both the judgment results are positive, the requisition satisfies the access condition.

27. (Withdrawn) The record carrier of Claim 24, wherein

the access condition includes an identifier list including one or more identifiers and one or more sets of period information which correspond one-to-one with the identifiers respectively, the one or more identifiers identifying one or more devices authorized to access the storage unit, each set of period information indicating a time period available for the corresponding device to access the storage unit,

the requisition includes a requiring device identifier for identifying the terminal device, and

the judging unit includes:

a time managing unit operable to manage a current date and time;

a 1st judging subunit operable to judge whether or not an identifier matching the requiring device identifier is included in the identifier list; and

a 2nd judging subunit operable to judge, when the 1st judging subunit judges that the matching identifier is included, whether or not the current time is within a time period indicated by a set of period information corresponding to the matching identifier, and

the judging unit judges that, (i) when either one of a judgment result by the 1st judging subunit and a judgment result by the 2nd judging subunit is negative, the requisition does not satisfy the access condition, and (ii) when both the judgment results are positive, the requisition satisfies the access condition.

28. (Withdrawn) The record carrier of Claim 24, wherein

the storage unit comprises a plurality of memory blocks,

the access condition includes an identifier list including one or more identifiers and one or more sets of memory block information, which correspond one-to-one with the identifiers

respectively identifying one or more devices authorized to access the storage unit, the sets of memory block information each indicating one or more of the memory blocks available for each of the corresponding devices to access,

the requisition includes a requiring device identifier for identifying the terminal device and memory block specifying information for specifying one of the memory blocks, and

the judging unit includes:

a 1st judging subunit operable to judge whether or not an identifier matching the requiring device identifier is included in the identifier list; and

a 2nd judging subunit operable to judge, when the 1st judging subunit judges that the matching identifier is included, whether or not the memory block specified by the memory block specifying information is included in the one or more of the memory blocks indicated by a set of the memory block information corresponding to the matching identifier,

and judges that, (i) when either one of a judgment result by the 1st judging subunit and a judgment result by the 2nd judging subunit is negative, the requisition does not satisfy the access condition, and (ii) when both the judgment results are positive, the requisition satisfies the access condition.

29. (Previously Presented) The record carrier of Claim 24, wherein

the storage unit stores one or more sets of program data,

the access condition includes an identifier list including one or more identifiers and one or more sets of program information, which correspond one-to-one with the identifiers respectively identifying one or more devices authorized to access the storage unit, the sets of

program information each indicating one or more sets of the program data available for each of the corresponding devices to access,

the requisition includes a requiring device identifier for identifying the terminal device and program specifying information for specifying one set of the program data, and

the judging unit includes:

a 1st judging subunit operable to judge whether or not an identifier matching the requiring device identifier is included in the identifier list; and

a 2nd judging subunit operable to judge, when the 1st judging subunit judges that the matching identifier is included, whether or not the set of program data specified by the program specifying information is included in the one or more sets of the program data indicated by a set of the program information corresponding to the matching identifier,

and judges that, (i) when either one of a judgment result by the 1st judging subunit and a judgment result by the 2nd judging subunit is negative, the requisition does not satisfy the access condition, and (ii) when both the judgment results are positive, the requisition satisfies the access condition.

30. (Withdrawn) The record carrier of Claim 24, wherein

the access condition includes (i) an identifier list including one or more identifiers which respectively identify one or more devices authorized to access the storage unit, and (ii) a biometrics list including one or more sets of biometric information for respectively identifying one or more users authorized to access the storage unit,

the requisition includes a requiring device identifier for identifying the terminal device and operator biometric information indicating biometric information of an operator of the terminal device, and

the judging unit includes:

a 1st judging subunit operable to judge whether or not an identifier matching the requiring device identifier is included in the identifier list; and

a 2nd judging subunit operable to judge, when the 1st judging subunit judges that the matching identifier is included, whether or not a set of the biometric information corresponding to the operator biometric information is included in the biometrics list,

and judges that, (i) when either one of a judgment result by the 1st judging subunit and a judgment result by the 2nd judging subunit is negative, the requisition does not satisfy the access condition, and (ii) when both the judgment results are positive, the requisition satisfies the access condition.

31. (Withdrawn) The record carrier of Claim 24, wherein

the access condition includes (i) an identifier list including one or more identifiers which respectively identify one or more devices authorized to access the storage unit, and (ii) a password list including one or more sets of password information respectively specified by one or more users authorized to access the storage unit,

the requisition includes a requiring device identifier for identifying the terminal device and an entry password entered by an operator of the terminal device, and

the judging unit includes:

a 1st judging subunit operable to judge whether or not an identifier matching the requiring device identifier is included in the identifier list; and

a 2nd judging subunit operable to judge whether or not a password indicated by a set of password information corresponding to the entry password is included in the password list,

and judges that, (i) when either one of a judgment result by the 1st judging subunit and a judgment result by the 2nd judging subunit is negative, the requisition does not satisfy the access condition, and (ii) when both the judgment results are positive, the requisition satisfies the access condition.

32. (Original) The record carrier of Claim 23, wherein

the acquisition unit acquires, each time when the requisition receiving unit receives the requisition, the access condition from the access condition management server.

33. (Original) The record carrier of Claim 23, wherein

the acquisition unit acquires the access condition from the access condition management server at predetermined time intervals.

34. (Original) The record carrier of Claim 23, wherein

the acquisition unit acquires, when it is detected that the record carrier is attached to a terminal device, the access condition from the access condition management server.

35-41. (Canceled)